

WHAT IS CLAIMED IS:

1. An information processing system for accessing
a data storage medium having a card shape, the storage
medium having an outer surface on which printing can be
performed, comprising:

a data processing section;

a supporting section configured to support the storage medium;

10 a connecting section configured to interface the data processing section with the storage medium, when the storage medium is supported by the supporting section; and

a printing section configured to perform printing on the outer surface of the storage medium, when the storage medium is supported by the supporting section, the printing section printing, on the outer surface of the storage medium, contents of access to the storage medium which is made by the data processing section to store, delete, or read data with respect to the storage medium through the connecting section.

2. The system according to claim 1, wherein when the data processing section accesses the storage medium to perform data storage or deletion, the printing section prints contents of the data storage or deletion on the outer surface of the storage medium.

3. The system according to claim 1, wherein when the data processing section accesses the storage medium

to perform data storage or deletion, the printing section prints contents of a storage capacity after the data storage or deletion on the outer surface of the storage medium.

5 4. The system according to claim 1, wherein when the data processing section accesses the storage medium to perform a data read, the printing section prints contents of data stored in the storage medium on the outer surface of the storage medium.

10 5. The system according to claim 1, wherein when the data processing section accesses the storage medium to perform a data read, the printing section prints contents of a storage capacity based on data stored in the storage medium on the outer surface of the storage medium.

15 6. The system according to claim 1, wherein when the data processing section accesses the storage medium to delete data, the printing section erases contents printed on the outer surface of the storage medium which corresponds to the data.

20 7. The system according to claim 1, wherein when the data processing section accesses the storage medium to delete data, the printing section prints a mark indicating that data has been erased on contents printed on the outer surface of the storage medium which corresponds to the data.

25 8. The system according to claim 1, wherein the

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data processing section causes the storage medium to store a printed content storage file associated with contents printed on the outer surface of the storage medium by the printing section.

5 9. The system according to claim 1, wherein access to the storage medium which is made by the data processing section and printing by the printing section are performed substantially at the same time.

10 10. The system according to claim 1, wherein the printing section comprises a thermal head configured to perform printing on the outer surface of the storage medium by using heat.

15 11. The system according to claim 10, wherein the thermal head erases contents printed on the outer surface of the storage medium by using heat.

20 12. The system according to claim 1, wherein the supporting section is configured to detachably load the storage medium therein by moving the medium in a first direction, and the printing section comprises a print head movable in a second direction crossing the first direction.

25 13. The system according to claim 1, wherein the system comprises an information processing apparatus and a peripheral device for information processing configured to communicate with the information processing apparatus, the peripheral device comprising the data processing section, the supporting section,

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the connecting section, and the printing section.

14. The system according to claim 13, wherein the information processing apparatus comprises a requesting section for requesting the data processing section to access the storage medium and also to cause the printing section to print contents of the access.

15. The system according to claim 13, wherein the peripheral device communicates with the information processing apparatus by cable communication.

10 16. A peripheral device for information processing configured to communicate with an information processing apparatus and to access a data storage medium having a card shape, the storage medium having an outer surface on which printing can be performed, comprising:

a data processing section;

a supporting section configured to support the storage medium;

20 a first connecting section configured to interface the data processing section with the information processing apparatus;

25 a second connecting section configured to interface the data processing section with the storage medium, when the storage medium is supported by the supporting section; and

 a printing section configured to perform printing on the outer surface of the storage medium, when the

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storage medium is supported by the supporting section,
the printing section printing, on the outer surface of
the storage medium, contents of access to the storage
medium which is made by the data processing section to
store, delete, or read data with respect to the storage
medium through the second connecting section.

17. The device according to claim 16, wherein the
peripheral device communicates with the information
processing apparatus by cable communication.

18. The device according to claim 16, wherein the
data processing section causes the storage medium to
store a printed content storage file associated with
contents printed on the outer surface of the storage
medium by the printing section.

19. The device according to claim 16, wherein
access to the storage medium which is made by the data
processing section and printing by the printing section
are performed substantially at the same time.

20. A peripheral device for information processing
configured to communicate with an information
processing apparatus and to access a data storage
medium having a card shape, the storage medium having
an outer surface on which printing can be performed,
comprising:

25 an accessing section configured to access the
storage medium; and
a printing section configured to perform printing

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on the outer surface of the storage medium, wherein the printing section prints, on the outer surface of the storage medium, contents of access to the storage medium which is made by the accessing section to store,
5 delete, or read data with respect to the storage medium.

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